

# Zebra® GT800™ Desktop Printer



## Affordable with quality, durability and versatility

Providing enhanced performance and reliability at a competitive price, the GT800™ direct thermal/thermal transfer desktop printer offers a wide range of advanced features to meet a variety of low- to medium-volume printing applications. These include productivity-enhancing features such as a 300 meter ribbon that limits downtime by requiring less-frequent replacement; fast, 127 mm per second print speed; powerful 32-bit processor for fast label throughput; and a large memory for faster processing plus support for more graphics and longer labels.

## Superior and practical design

Built with Zebra quality and durability and designed for versatility and easy integration, with a flexible choice of three connectivity interfaces and optional 10/100 Ethernet, as well as co-resident EPL2™ and powerful ZPL II® programming languages for compatibility with all Zebra printers. With support for media widths up to 114 mm, the GT800™ is ideal for many applications including those requiring wider media.



Zebra's GT800™ supports many applications, including:

- **Manufacturing**—Light-industrial work-in-process, product and shipping labeling
- **Transportation & logistics**—Boarding tickets, bag tags, parking passes
- **Government**—Asset management, documents management, evidence tracking
- **Healthcare**—Laboratory specimen and blood bank labeling
- **Retail**—Price labeling and receipt printing

# Specifications at a Glance\*

## Printer Name

GT800™

## Standard Features

- 300 meter ribbon capacity
- 32 bit RISC processor
- Co-resident EPL2 and ZPL II programming languages
- Triple connectivity: Serial, USB and parallel
- Print methods: Thermal transfer and direct thermal modes; printing of bar codes, text and graphics.
- OpenACCESS™ for easy media and ribbon loading
- Microsoft® Windows® drivers

## Printer Specifications

### Resolution

203 dpi/8 dots per mm

### Memory

8 MB Flash, 8 MB SDRAM (standard)

### Print Width

4.09"/104 mm

### Print Length

39"/991 mm

### Print Speed

5"/127 mm per second

### Media Sensors

Reflective and transmissive sensors

## Media Characteristics

### Media width

.75"/19.5 mm to 4.49"/114 mm

### Media length

0.25"/6.5 mm to 39"/991 mm

### Maximum media roll size

5"/127 mm O.D. on a 1.00"/25.4 mm, 1.5"/38 mm I.D. core

### Media thickness

0.003"/0.08 mm to 0.007"/0.18 mm

### Media types

- Roll-fed or fan-fold
- Label stock (die cut or continuous, direct thermal or thermal transfer)
- Tag stock (die cut or continuous, direct thermal or thermal transfer)

## Ribbon Characteristics

### Outside diameter

2.6"/66 mm (300 m); 1.34"/34 mm (74 m)

### Standard length

984' (300 m); 242' (74 m)

### Ratio

- 1:4 One ribbon roll per 4 rolls of media (300 Meter)
- 1:1 One ribbon roll per roll of media (74 Meter)

### Width

1.33"/33.8 mm to 2.4"/58 mm

### Core I.D.

- 300 m ribbon 1.00"/25.4 mm
- 74 m ribbon 0.5"/12.7 mm

## Operating Characteristics

### Environmental

- Operating Temp: 40° F/5° C to 105° F/41° C
- Storage Temp: -40° F/-40° C to 140° F/60° C
- Operating Humidity: 10% to 90% non-condensing R.H.
- Storage Humidity: 5% to 95% non-condensing R.H.

### Agency Approvals

TUV-R NRTL, TUV-R CB, NOM, KCC, CE, FCC Class-B

## Physical Characteristics

- Width: 7.75"/197 mm
- Height: 7.25"/184 mm
- Depth: 10.75"/273 mm
- Weight: 10.98 lbs/5 kg

## ZebraLink™ Solutions

### Software

- ZebraDesigner™ Pro—An intuitive, easy-to-use software program for creating complex label designs (option)
- ZebraDesigner—Offers basic features for simple label design
- ZebraNet™ Bridge Enterprise—Centrally manage Zebra printers from a single PC screen anywhere on your global network (unlicensed product free, licensed product option)
- ZebraNet Utilities v7.0—Provides enhanced printing, conversion and administration capabilities; message management; and more
- ZebraDesigner Driver—The most powerful driver available from Zebra
- Web View—Connect and control Zebra bar code printers via the printer's Web interface using a common Web browser using ZPL
- Alert—Printers equipped with ZebraNet® print servers will notify you via any e-mail-enabled, wired, or wireless device to minimize downtime

### Networking Options

Ethernet—10/100 internal offered in combination with USB and serial interface (replaces parallel port)

### Firmware

- ZPL II®—Zebra Programming Language provides sophisticated label formatting and printer control and is compatible with tabletop and mobile Zebra printers
- EPL2™—Eltron Programming Language with Line Mode simplifies label formatting and enables format compatibility with legacy applications

## Fonts/Graphics/Symbologies

- 16 resident expandable ZPL fonts
- One resident scalable ZPL font
- 5 resident expandable EPL2 fonts
- Supports user-defined fonts and graphics—including custom logos

## Bar Code Symbologies

- Bar Code Ratios: 2:1 (non-rotated) and 3:1
- Linear Bar Codes: Codabar, Code 11 (ZPL), Code 128, Code 39, Code 93, Code 93, EAN-13, EAN-8, EAN-14 (ZPL), German Post Code (EPL), Industrial 2-of-5 (ZPL), Interleaved 2-of-5, Japanese Postnet (EPL), ISBT-128 (ZPL), Logmars (ZPL), MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5 (ZPL), UCC/EAN-128 (EPL), UPC and EAN 2 or 5 digit extensions (ZPL), UPC-A, UPC-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E, and GS1 Databar (formerly RSS)
- 2-Dimensional: Codablock (ZPL), Code 49 (ZPL), Data Matrix, MaxiCode, QR Code, PDF417, MicroPDF417, Aztec

(For EPL and ZPL except where noted)

## Communication and Interface Capabilities

- Centronics® parallel (36 pin) connector ports
- RS-232 Serial interface
- USB V1.1 interface, bi-directional
- 10/100 internal Ethernet with USB V1.1 (option)

## Options and Accessories

- Dispenser—Label peel and present with label present sensor
- ZebraNet 10/100 Print Server—Internal Ethernet for network communication and printing
- KDU and KDU Plus™—Keyboard display units for stand-alone printing applications

## Electrical Specifications

- Auto-ranging external power supply with C7 type connector
- Output: 20 VDC, 2.5A
- Input: 100-240 VAC, 50-60 Hz

\*Specifications subject to change without notice.

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www.zebra.com

### Corporate Headquarters

+1 800 423 0442  
inquiry4@zebra.com

### Other Locations

**USA:** California, Georgia, Rhode Island, Texas, Wisconsin **Europe:** France, Germany, Italy, Netherlands, Poland, Spain, Sweden **Asia Pacific:** Australia, China, India, Japan, South Korea **Latin America:** Argentina, Brazil, Colombia, Florida (USA), Mexico **Africa/Middle East:** Russia, South Africa, United Arab Emirates

### Asia-Pacific Headquarters

+65 6858 0722  
apacchannelmarketing@zebra.com

### EMEA Headquarters

+44 (0)1628 556000  
mseurope@zebra.com

### Latin America Headquarters

+1 847 955 2283  
inquiry4@zebra.com